

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20030164429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/20 00:37
L3	15	(US-20030057354-\$ or US-20050116111-\$ or US-20030164429-\$).did. or (US-5610820-\$ or US-5765780-\$ or US-6691033-\$ or US-6260805-\$ or US-5100084-\$ or US-6293501-\$ or US-6676087-\$ or US-6471161-\$ or US-6154692-\$ or US-6517029-\$ or US-6456907-\$ or US-6003817-\$). did.	US-PGPUB; USPAT	OR	ON	2006/03/20 00:57
L4	9	L3 and filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/20 01:03
L5	4	L4 and ((spacecraft or craft or vehicle) near momentum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/20 01:04
S1	368	701/13.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 22:05
S32	7193	(vehicle or craft or spacecraft or satellite) same momentum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 08:58
S33	983	S32 and (((angle or angular)adj (rate or speed or velocity))or ((rotation or turning) adj (rate or speed or velocity)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 09:01
S34	44	S33 and (momentum near (remov\$4 or dump\$4 or null\$3 or expel\$3 or cancel\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 09:40

## EAST Search History

S35	10	("20020125374"   "20030010871"   "20040069905"   "5222023"   "5349532"   "5459669"   "5517418"   "5610820"   "6340138"   "6622969").PN. OR ("6921049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/17 09:23
S36	28	S33 and (momentum near (estimat\$3 or calculat\$3 or measure\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 09:41
S37	32	S33 and (momentum near (estimat\$3 or calculat\$3 or measure\$4 or determine or determination))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 09:42
S38	27	S37 and torque	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/17 09:42
S39	0	("2003/0164429").URPN.	USPAT	OR	ON	2006/03/17 09:50
S40	8	("4071211"   "4521855"   "5184790"   "5354016"   "5556058"   "5791598"   "5931421"   "5996941").PN. OR ("6311932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/17 10:03

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	339	S1 and (satellite or spacecraft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 17:59
S3	155	S2 and momentum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:36
S4	25	S3 and dump\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 15:36
S5	10	("20020125374"   "20030010871"   "20040069905"   "5222023"   "5349532"   "5459669"   "5517418"   "5610820"   "6340138"   "6622969").PN. OR ("6921049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 15:48
S6	9	("4767084"   "5020746"   "5443231"   "5765780"   "5810295"   "5826831"   "5855341").PN. OR ("6042058").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 17:38
S7	175	(satellite or spacecraft) and momentum and dump\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 17:59
S8	150	S7 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 18:06
S9	81	S8 and (parametric or curve or fit or model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 18:59
S10	69	S8 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 19:12

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S11	130	S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 19:12
S12	2	("20050049764").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/23 10:08
S13	34	momentum adj estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 10:09
S14	17	S13 and (satellite or spacecraft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 12:55
S15	473	244/164.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 12:55
S16	202	S15 and momentum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 12:56
S17	100	S16 and estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 12:56
S18	20	S17 and (momentum same (curve or fit or model or map))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/23 12:56
S19	3	("6138952"   "6141606"   "6231011").PN. OR ("6517029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/23 13:25
S20	369	244/165.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:42

## EAST Search History

S21	220	S20 and momentum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:42
S22	156	S21 and rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:08
S23	54	S22 and (angular adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 20:27
S24	15	("4521855"   "5205518"   "5310143"   "5311435"   "5452869"   "5506780"   "5610820"   "5765780").PN. OR ("6260805"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/01 20:47
S25	21	("4010921"   "4730798"   "4746085"   "4767084"   "5020746"   "5109346"   "5149022"   "5349532"   "5400252"   "5443231"   "5459669"   "5626315"   "5692707").PN. OR ("5984236"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/01 21:08
S26	26	S22 and ((dump\$3 or remov\$3 or cancel\$4 or unload\$3) near momentum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:27
S27	86	S22 not (S26 or S23)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:27
S28	719	701/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:42
S29	18	S28 and momentum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/01 21:42

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S30	13	(US-20030057354-\$ or US-20050116111-\$).did. or (US-5610820-\$ or US-5765780-\$ or US-6003817-\$ or US-6154692-\$ or US-6260805-\$ or US-6293501-\$ or US-6456907-\$ or US-6471161-\$ or US-6517029-\$ or US-6676087-\$ or US-6691033-\$).did.	US-PGPUB; USPAT	OR	ON	2005/10/02 12:16
S31	6	S30 and model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/02 12:17